

**REMARKS**

In the Office Communication, the Examiner alleges that the Amendment filed on July 16, 2007 is not fully responsive to the Office Action mailed November 15, 2006. According to the Examiner, claims 37-55 are not readable on the invention elected by Applicant in the Response to the Restriction Requirement dated August 12, 2004.

In order to expedite prosecution of the present case, Applicant has canceled claims 37-55 and added new claims 56-68. Applicant submits that the newly added claims are directed to nucleic acid arrays, which correspond to the elected invention of Group VI.

Support for new claims 56-68 is found throughout the specification as filed. In particular, support is found, for example, on page 5, lines 13-15 and 28-33; on page 6, lines 21-25; on page 10, lines 13-28; on page 12, lines 28-30; on page 28, lines 10-14; from page 34, line 7 to page 36, line 14; on page 38, lines 23-30; on page 76, lines 1-11; from page 76, line 19 to page 77, line 4; from page 82, line 17 to page 83, line 27; on page 93, lines 9-23; in Table 1 on page 93 (GRO1); and in Table 1 on page 100 (SLC26A2) of the instant specification. Thus, no new matter has been introduced. Accordingly, Applicant respectfully requests that the new claims be entered.

In view of the foregoing remarks, Applicant believes the Amendment filed on July 16, 2007 is now fully responsive to the Office Action mailed November 15, 2006. As such, Applicant respectfully requests that the Examiner enter the previous Amendment, along with the Supplemental Amendment filed on July 25, 2007 and the present Amendment, and examine new claims 56-68 on the merits.

Appl. No. 10/084,892

Amdt. dated November 9, 2007

Reply to Office Communication of September 11, 2007

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 925-472-5000.

Respectfully submitted,



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